Facility name: North Market Street Area, Spokanie
사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
Location: SWK4 Sec 22 T26N, R43E, WM
EPA Region: 16
Person(s) in charge of the facility: Wat applicable
Name of Reviewer: B. Morson, 7.01Flakety Date: 3/31/86  General description of the facility:  (For example: landfill, surface impoundment, pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)
The area has groundwater contaminated with kenzene +
toluene. There are several potential historical + current
sources related to petroleum refining in this area. The
Spokane Valley-Rathdrum Prairie Aquifer has been designated
sole source.
As of the date of this ocoring petroleum contaminants from
resivery quiralions are not under CERCLA jurisdiction.
Scores: S <sub>M</sub> = 53.34(S <sub>gw</sub> = 92.3(S <sub>sw</sub> = 0.0 S <sub>a</sub> = 0.0)
SFE = Not scored
S <sub>DC</sub> = 7.50

FIGURE 1 HRS COVER SHEET



Rating Factor	Assigned Value (Circle One)	Multi- plier	Score	Max. Score	Ref. (Section)
Observed Release	0 🚯	1	45	45	3.1
	ven a score of 45, proceed to line 4.				
Route Characteristics Depth to Aquifer of Concern	0 1 2 3	2		6	3.2
Net Precipitation Permeability of the	0 1 2 3 0 1 2 3	1		3	
Unsaturated Zone Physical State	0 1 2 3	1		3	
	Total Route Characteristics Score		NIA	15	
3 Containment	0 1 2 3	1	N/A	3	3.3
Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity	0 3 6 9 12 15 1B 0 1 2 3 4 5 6 7 8	1 1	186	18 8	3.4
	Total Waste Characteristics Score		24	26	
5 Targets Ground Water Use Distance to Nearest Well/Population Served	0 1 2 ③ 0 4 6 8 10 12 16 18 20 24 30 32 35 ④	3 1	9	9 40	3.5
	Total Targets Score		49	49	1
	iply 1 x 4 x 5 ply 2 x 3 x 4 x 5		52,92	57,330	
Divide line 6 by 57	,330 and multiply by 100		=92.3		

FIGURE 2
GROUND WATER ROUTE WORK SHEET

	Rating Factor		Signe				Multi- plier	Score	Max. Score	Ref. (Section)
1	Observed Release	0			45		1	N/A	45	4.1
	If observed release is giv									•
2	Route Characteristics Facility Slope and Inter	vening (i)	1 2	3			1	0	3	4.2
	Terrain 1-yr. 24-hr. Rainfall Distance to Nearest Su		D 2 1 2			•	1 2	3	3 6	
	Water Physical State	0	1 2	3			1	3	3	
		Total Rou	e Ch	aracte	eristics Sc	ore		7	15	
3	Containment	0	1 2	3			1	3	3	4.3
4	Waste Characteristics Toxicity/Persistence Hazardous Waste Quantity		3 6 1 2		2 15 18 4 5 6	7 8	1 1	18	18 8	4.4
		Total Was	ste Ch	aract	eristics S	core		24	26	
5	Targets Surface Water Use Distance to a Sensitiv Environment Population Served/Disto Water Intake	_	) 1 ) 1 ) 4 16 30	2 2 6 18 32	3 3 8 10 20 35 40		3 2	000	9 6 40	4.5
	Downstream				Score			0.	55	
6	If line 1 is 45, multip	ply 1 x 4	) x x [	5 4 x	5			0	64,350	

FIGURE 7
SURFACE WATER ROUTE WORK SHEET

Route not somed

	Rating Factor	Assigned Value (Circle One)	Multi-	Score	Max. Score	Ref.
1	Observed Release	0 45	1		45	5.1
_	Date and Location:		•			
	Sampling Protocol:					
		0. Enter on line 5.				
2	Waste Characteristics				3	5.2
	Reactivity and Incompatibility	0 1 2 3			•	
	Toxicity	0 1 2 3	3		9	
	Hazardous Waste	0 1 2 3 4 5 6	7 8 1		8	
	Quantity	Total Waste Characteristics S	core		20	
3		Total Waste Characteristics S				5.3
3	Targets Population Within	\ 0 9 12 15 18	core	I	20	5.3
3	Targets Population Within 4-Mile Radius	) 0 9 12 15 18 21 24 27 30	1		30	5.3
3	Targets Population Within	\ 0 9 12 15 18	1 2			5.3
3	Targets Population Within 4-Mile Radius Distance to Sensitive	) 0 9 12 15 18 21 24 27 30	1		30	5.3
3	Targets Population Within 4-Mile Radius Distance to Sensitive Environment	} 0 9 12 15 18 } 21 24 27 30 0 1 .2 3	1 2	I	30	5.3
3	Targets Population Within 4-Mile Radius Distance to Sensitive Environment	} 0 9 12 15 18 } 21 24 27 30 0 1 .2 3	1 2		30	5.3
3	Targets Population Within 4-Mile Radius Distance to Sensitive Environment	} 0 9 12 15 18 } 21 24 27 30 0 1 .2 3	1 2		30	5.3
3	Targets Population Within 4-Mile Radius Distance to Sensitive Environment	} 0 9 12 15 18 } 21 24 27 30 0 1 .2 3	1 2		30	5.3
3	Targets Population Within 4-Mile Radius Distance to Sensitive Environment	} 0 9 12 15 18 } 21 24 27 30 0 1 .2 3	1 2		30	5.3

FIGURE 9 AIR ROUTE WORK SHEET

	· s	s <sup>2</sup>
Groundwater Route Score (Sgw)	92.31	8520.71
Surface Water Route Score (Ssw)	0.0	0
Air Route Score (Sa)	0.0	O O
S <sub>gw</sub> + S <sub>sw</sub> + S <sub>a</sub>		4520.71
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2}$		92.31
$\sqrt{s_{gw}^2 + s_{sw}^2 + s_a^2} / 1.73 = s_M =$		53.34

FIGURE 10
WORKSHEET FOR COMPUTING SM

Route not scored

Rating Factor				Va On				Multi- plier	Score	Max. Score	Ref. (Section)
Containment .	1				3			1		3	7.1
Waste Characteristics										4 7	7.2
Direct Evidence	0			3				1		3	
Ignitability	0	1	2	3				1		3	
Reactivity	0	1	2	3				1		3	
Incompatibility	0	1	2	3				1		3	
Hazardous Waste Quantity	0	1	2	3	4	5	6 7	8 *1		8	
	Total Wa	ste	Cha	arac	teri	stic	s Scor		<u> </u>	20	
3 Targets			-			-					.7.3
Distance to Nearest		1	2	3	4	5		1		5	
Population											
Distance to Nearest		1	2	3				1		3	
Building											
Distance to Sensitive	(	) 1	2	3				1		3	
Environment										3	
Land Use	The second second	) 1	2					1		5	
Population Within		) 1	2	3	4	5					
2-Mile Radius Buildings Within 2-Mile Radius		0 1	2	3	4	5		1		5	
		Tota	al Ta	arge	ets :	Scor	re		T	24	٦.
4 Multiply 1 x 2 x	3									1,44	0

FIGURE 11
FIRE AND EXPLOSION WORK SHEET